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	[54]	TOUCH PANEL WITH AMBIENT LIGHT SAMPLING		
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## [57] ABSTRACT

A dynamic level shifter for photoelectric touch panels incorporating a plurality of photoelectric transducers periodically senses the ambient light level, immediately before the interval when each transducer can receive a pulse of radiant energy during normal operation of the panel. The output of the phototransducer during the such interval is compared with the output during the previous ambient interval, to develop a signal indicative of the presence or absence of the pulse, irrespective of ambient light fluctuations.

## 22 Claims, 13 Drawing Figures

